

# FAA National Software Conference

## New Technology for Certification

### Panel Topic: Introducing New Technology for Certification

Leslie A. Johnson  
The Boeing Company  
[leslie.a.johnson@boeing.com](mailto:leslie.a.johnson@boeing.com)

### Introducing New Technology-1

- **Key elements to address:**
  - Technical description of the technology -
    - detailing its use in an avionics product
    - its compliance to DO-178B objectives
    - if necessary, description of the alternate means of compliance
  - Introduction of the technology & approach to certification agencies -
    - CAST committee
    - FAA, Washington, DC
    - Affected ACO

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## New Technology for Certification

### Introducing New Technology-2

- Independent technical validation
  - by the originating company
  - by the FAA Washington, DC
- Introduction to a specific ACO/program, including:
  - presentation of the CAST position
  - sponsorship of the Wash. DC FAA (AIR) with the supporting independent validation
  - agreement/sponsorship of the airframe project/software DER

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